

FILE 'GENBANK' ENTERED AT 12:56:54 ON 15 APR 1999

L1	1 S AA132964
L2	0 S THC197949
L3	417712 S TIGR
L4	0 S L3 AND 197949
L5	1 S T70439
L6	0 S T197949
L7	0 S TTTTNNNNNAATACGCTA?/SEQ
L8	0 S TTTTNNNNNAATACGCTA?
L9	0 S TTTTNNNNNAATAGCTA?

(FILE 'USPAT' ENTERED AT 11:52:37 ON 15 APR 1999)

	E LOK/IN
L1	3 S E21
	E ADAMS, R/IN
L2	3 S E69
	E JELMBERG, A/IN
	E WHITMORE, T/IN
	E FARRAH, TE/IN
L3	1 S E4
L4	7 S L1 OR L2 OR L3
L5	0 S CYTOKINE RECEPTOR (2W) (11)
L6	1 S ZCYTOR?

1. 5,827,552, Oct. 27, 1998, Production of fermented food products; Stanley E. Mainzer, et al., 426/7, 34, 42, 43, 61; 435/99, 170, 207, 252.3, 252.4, 252.9 [IMAGE AVAILABLE]
2. 5,776,725, Jul. 7, 1998, Recombinant production of glucagon receptors; Wayne R. Kindsvogel, et al., 435/69.1, 252.3, 254.11, 320.1, 325; 536/23.5, 24.31 [IMAGE AVAILABLE]
3. 5,770,445, Jun. 23, 1998, Glucagon receptor proteins, peptides, and antibodies; Wayne R. Kindsvogel, et al., 435/334; 514/2; 530/324, 325, 326, 327, 328, 350, 388.22, 389.1 [IMAGE AVAILABLE]
4. 5,753,462, May 19, 1998, Secretion leader trap cloning method; **Si Lok**, 435/6, 69.1; 536/23.1 [IMAGE AVAILABLE]
5. 5,726,286, Mar. 10, 1998, Isolated epstein-barr virus BZLF2 proteins that bind MHC class II beta chains; Mark Alderson, et al., 530/300; 435/69.3; 530/350 [IMAGE AVAILABLE]
6. 5,639,648, Jun. 17, 1997, Production of fermented food; Stanley E. Mainzer, et al., 435/207, 69.1, 252.3, 320.1; 536/23.2 [IMAGE AVAILABLE]
7. 5,411,873, May 2, 1995, Process for producing heterologous polypeptides; **Robin M. Adams**, et al., 435/69.1, 69.7, 69.8 [IMAGE AVAILABLE]

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L1	3 S E21
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	E FARRAH, TE/IN
L3	1 S E4
L4	7 S L1 OR L2 OR L3

LOCUS (LOC): **T70439** GenBank (R)
 GenBank ACC. NO. (GBN): **T70439**
 CAS REGISTRY NO. (RN): 163824-93-9
 SEQUENCE LENGTH (SQL): 418
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Expressed sequence tag
 DATE (DATE): 7 Mar 1995
 DEFINITION (DEF): yd13h08.r1 Homo sapiens cDNA clone 67071 5'.
 KEYWORDS (ST): EST
 SOURCE: human clone=67071 library=Soares fetal liver spleen

1NFLS vector=pT7T3D (Pharmacia) with a modified
 polylinker host=DH10B (ampicillin resistant)
 primer=M13RP1 Rsite1=Pac I Rsite2=Eco RI Liver and
 spleen from a 20 week-post conception male fetus. 1st
 strand cDNA was primed with a Pac I - oligo(dT) primer
 [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTTTTT 3'],
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Pac I and cloned into the
 Pac I and Eco RI sites of the modified pT7T3 vector.
 Library went through one round of normalization.
 Library constructed by Bento Soares and M.Fatima
 Bonaldo.

ORGANISM (ORGN): Homo sapiens
 Eucaryotae; Metazoa; Chordata; Vertebrata;
 Gnathostomata; Mammalia; Eutheria; Primates;
 Catarrhini; Hominidae; Homo

NUCLEIC ACID COUNT (NA): 104 a 109 c 110 g 91 t 4 others

COMMENT:

Contact: Wilson RK
 WashU-Merck EST Project
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 High quality sequence stops: 387
 Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL ; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.

REFERENCE: 1 (bases 1 to 418)

AUTHOR (AU): Hillier,L.; Clark,N.; Dubuque,T.; Elliston,K.;
 Hawkins,M.; Holman,M.; Hultman,M.; Kucaba,T.; Le,M.;
 Lennon,G.; Marra,M.; Parsons,J.; Rifkin,L.;
 Rohlfing,T.; Soares,M.; Tan,F.; Trevaskis,E.;
 Waterston,R.; Williamson,A.; Wohldmann,P.; Wilson,R.

TITLE (TI): The WashU-Merck EST Project

JOURNAL (SO): Unpublished (1995)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..418	/organism="Homo sapiens" /clone="67071"

SEQUENCE (SEQ):

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1  ggcacgagct cctaacacca tggattcaaa gtgctcaggg aatttgcctc tccttgcccc
61  attcctggcc agtttcacaa tctagctcga cagcagtaga ggcccctgcc tctttctgtc
121 attgttcaaa ggtgggaaga gagcctggaa aagaaccagg cctggaaaag aaccagaagg
181 aggctgggca gaaccagaac aacctgcact tctgccaagg ccagggcgagc aggacggcag
241 gacttctagg gaggggtgtn gcctgcagct tcattcccag ccagggcaac tgcttnacgt

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301 ttgcacgatt ttcagctttc atttcctctg attagaacaa agcgaaa c aggttccacc
361 aggggagggg agacaca gctttttttn cagggcagga gttttca c cntttcct

LOCUS (LOC): **AA132964** GenBank (R)
 GenBank ACC. NO. (GBN): **AA132964**
 CAS REGISTRY NO. (RN): 183777-04-0
 SEQUENCE LENGTH (SQL): 449
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Expressed sequence tag
 DATE (DATE): 27 Nov 1996
 DEFINITION (DEF): zo22b02.s1 Stratagene colon (#937204) Homo sapiens
 cDNA
 clone 587595 3'.
 KEYWORDS (ST): EST
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryotae; mitochondrial eukaryotes; Metazoa;
 Chordata; Vertebrata; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 110 a 108 c 109 g 121 t 1 others

COMMENT:

Contact: Wilson RK
 WashU-Merck EST Project
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 This clone is available royalty-free through LLNL ; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Seq primer: -40M13 fwd. from Amersham
 High quality sequence stop: 360.

REFERENCE: 1 (bases 1 to 449)
 AUTHOR (AU): Hillier, L.; Clark, N.; Dubuque, T.; Elliston, K.;
 Hawkins, M.; Holman, M.; Hultman, M.; Kucaba, T.; Le, M.;
 Lennon, G.; Marra, M.; Parsons, J.; Rifkin, L.;
 Rohlfing, T.; Tan, F.; Trevaskis, E.; Waterston, R.;
 Williamson, A.; Wohldmann, P.; Wilson, R.
 TITLE (TI): WashU-Merck EST Project
 JOURNAL (SO): Unpublished (1995)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..449	/organism="Homo sapiens" /note="Organ: colon; Vector: pBluescript SK-; Site-1: EcoRI; Site-2: XhoI; Cloned unidirectionally. Primer: Oligo dT. T-84 colonic epithelial cell line. Average insert size: 1.0 kb; Uni-ZAP XR Vector; ~5' adaptor sequence: 5' GAATTCGGCACGAG 3' ~3' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTTTTT /clone="587595" /clone-lib="Stratagene colon (#937204)" /lab-host="SOLR cells (kanamycin resistant)"
mRNA	complement(<1..>449)	

SEQUENCE (SEQ):

1 aaatagctac cgtttattgg gcactgcatg gtaccaggca ctattaa ca ctttaaagac
61 atgacttcat ttcactc ca ccacaactcc atgaggtagg tgttatc cccacattac
121 agatgaggaa accgaggcc tgggcactga ttccatttgt ttgaagtcac acagcttgtg
181 agtggtgagg ctggaatttg agcccagatg gntgaaccga aggcagagct tgcaaagttg
241 tgacatcagt acagtgtgtt attgtaccgg tccaggggcc acagccctca ccttcctttc
301 aaaccccatc ctcaggatag ggtctgaaac tcctgcctgc agaaaaggct tgtgtgtctc
361 cctccctggt ggacctgcat ttcgctttgt tctatcagag gaatgaagct gaaatcgtgc
421 aacgtcaggc agttgccctg gctgggaat